



Appendix G

FM USADR IBOC DAB in an

UN-impaired Channel

ACTION	Selection
Play	CD
Play	FM DENON Analog

Dire Straits - Pearl Jam - Suzanne Vega Looping



Appendix L

AM USADR IBOC DAB in an

UN-impaired Channel

ACTION

Play

Play

Selection

CD

AM NRSC Narrow Band Analog

Dire Straits - Pearl Jam - Suzanne Vega Looping

Appendix B

- blend_audio.wav - This file demonstrates Blending from IBOC DAB Digital to IBOC DAB Analog in an impaired environment. The source material is the combination of Dire Straits, Pearl Jam, and Suzanne Vega from the CDs.
- Appendix_B.txt - file description

Appendix C - All audio in this appendix was derived from the NRSC Critical Listening CD - Dire Straits, Pearl Jam, and Suzanne Vega cuts.

- audio1.wav - This file was recorded with Gaussian Noise with no fading or interference.
- audio2.wav - This file was recorded with 9-Ray fading in an Urban Fast environment.
- audio3.wav - This file was recorded with 9-Ray fading in an Urban Slow environment.
- audio4.wav - This file was recorded with 9-Ray fading in an Rural Fast environment.
- audio5.wav - This file was recorded with 9-Ray fading in an Terrain Obstructed environment.
- audio6.wav - This file was recorded with a 1st Adjacent -6 in an Urban Fast environment.
- audio7.wav - This file was recorded with a 1st Adjacent -18 in an Urban Fast environment.
- audio8.wav - This file was recorded with a 1st Adjacent -24 in an Urban Fast environment.
- audio9.wav - This file was recorded with a 1st Adjacent -30 in an Urban Fast environment.
- audio10.wav - This file was recorded with a 2nd Adjacent +20 in an Urban Fast environment.
- audio11.wav - This file was recorded with Co-Channel -10 in an Urban Fast environment.
- audio12.wav - This file was recorded with Co_Channel -20 in an Urban Fast environment.
- baseline_70_none.wav - This file was recorded with no interference.
- This file is the baseline audio with the three NRSC cuts Dire Straits, Pearl Jam, and Suzanne Vega.
- Appendix_C.txt - file description

Appendix E - All audio in this appendix use the Eric Clapton cut.

- audio1A.wav - This Host Compatibility file was recorded with 9-Ray fading in an Urban Fast environment with a strong analog only signal.
- audio1B.wav - This Host Compatibility file was recorded with 9-Ray fading in an Urban Fast environment with a strong hybrid signal.
- audio2A.wav - This Host Compatibility file was recorded with

	9-Ray fading in an Urban Fast environment with a moderate analog only signal.
audio2B.wav	- This Host Compatibility file was recorded with 9-Ray fading in an Urban Fast environment with a moderate hybrid signal.
audio3A.wav	- This Host Compatibility file was recorded with 9-Ray fading in an Urban Fast environment with a weak analog only signal.
audio3B.wav	- This Host Compatibility file was recorded with 9-Ray fading in an Urban Fast environment with a weak hybrid signal.
audio4A.wav	- This 20 dB Co-channel Interference file was recorded with 9-Ray fading in an Urban Fast environment with a moderate analog only signal.
audio4B.wav	- This 20 dB Co-channel Interference file was recorded with 9-Ray fading in an Urban Fast environment with a moderate hybrid signal.
audio5A.wav	- This 14 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a strong analog only signal.
audio5B.wav	- This 14 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a strong hybrid signal.
audio6A.wav	- This 6 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a moderate analog only signal.
audio6B.wav	- This 6 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a moderate hybrid signal.
audio7A.wav	- This -2 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a weak analog only signal.
audio7B.wav	- This -2 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a weak hybrid signal.
audio8A.wav	- This Dual 14 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a strong analog only signal.
audio8B.wav	- This Dual 14 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a strong hybrid signal.
audio9A.wav	- This Dual 6 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a moderate analog only signal.
audio9B.wav	- This Dual 6 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a moderate hybrid signal.
audio10A.wav	- This Dual -2 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a weak analog only signal.
audio10B.wav	- This Dual 6 dB 1st Adj Interference file was recorded with 9-Ray fading in an Urban Fast environment with a weak hybrid signal.
Appendix_E.txt	- file description

Appendix G - All audio in this appendix was derived from the actual CD -
Dire Straits(DS), Pearl Jam(PJ), and Suzanne Vega(SV) cuts.

CD_DS.wav	- CD cut of Dire Straits(DS) from the CD.
CD_PJ.wav	- CD cut of Pearl Jam(PJ) from the CD.
CD_SV.wav	- CD cut of Suzanne Vega(SV) from the CD.
CD_DS_PJ_SV.wav	- Combined CD cuts of Dire Straits(DS), Pearl Jam(PJ) and Suzanne Vega(SV).
FM_Analog_DS.wav	- Analog audio recorded from the DENON TU-680/NAB receiver of Dire Straits(DS).
FM_Analog_PJ.wav	- Analog audio recorded from the DENON TU-680/NAB receiver of Pearl Jam(PJ).
FM_Analog_SV.wav	- Analog audio recorded from the DENON TU-680/NAB receiver of Suzanne Vega(SV).
FM_Analog_DS_PJ_SV.wav	- Analog audio recorded from the DENON TU-680/NAB receiver of the combined cuts of Dire Straits(DS), Pearl Jam(PJ), and Suzanne Vega.
FM_DAB_DS.wav	- Digital audio recorded from the USADR IBOC DAB receiver of Dire Straits(DS).
FM_DAB_PJ.wav	- Digital audio recorded from the USADR IBOC DAB receiver of Pearl Jam(PJ).
FM_DAB_SV.wav	- Digital audio recorded from the USADR IBOC DAB receiver of Suzanne Vega(SV).
FM_DAB_DS_PJ_SV.wav	- Digital audio recorded from the USADR IBOC DAB receiver of the combined cuts of Dire Straits(DS), Pearl Jam(PJ), and Suzanne Vega.
Appendix_G.txt	- file description

Appendix H1

Delco_WFLS40.wav	- Analog audio recorded from the Delco receiver when tuned to WFLS and stationary at the WFLS 40 dBu contour with WPOC (1st adjacent) present.
Yamaha_WFLS40.wav	- Analog audio recorded from the Yamaha receiver when tuned to WFLS and stationary at the WFLS 40 dBu contour with WPOC (1st adjacent) present.
Delco_WFLS54.wav	- Analog audio recorded from the Delco receiver when tuned to WFLS and stationary at the WFLS 54 dBu contour with WPOC (1st adjacent) present.
Yamaha_WFLS54.wav	- Analog audio recorded from the Yamaha receiver when tuned to WFLS and stationary at the WFLS 54 dBu contour with WPOC (1st adjacent) present.
Delco_WMMR40.wav	- Analog audio recorded from the Delco receiver when tuned to WMMR and stationary at the WMMR 40 dBu contour with WPOC (1st adjacent) present.
Yamaha_WMMR40.wav	- Analog audio recorded from the Yamaha

	receiver when tuned to WMMR and stationary at the WMMR 40 dBu contour with WPOC (1st adjacent) present.
Delco_WMMR54.wav	- Analog audio recorded from the Delco receiver when tuned to WMMR and stationary at the WMMR 54 dBu contour with WPOC (1st adjacent) present.
Yamaha_WMMR54.wav	- Analog audio recorded from the Yamaha receiver when tuned to WMMR and stationary at the WMMR 54 dBu contour with WPOC (1st adjacent) present.
Delco_WPOC.wav	- Analog audio recorded from the Delco receiver when tuned to WPOC and stationary within 2 miles of the WPOC transmit Antenna.
Philips_WPOC.wav	- Analog audio recorded from the Philips receiver when tuned to WPOC and stationary within 2 miles of the WPOC transmit Antenna.
Yamaha_WPOC.wav	- Analog audio recorded from the Yamaha receiver when tuned to WPOC and stationary within 2 miles of the WPOC transmit Antenna.
Appendix_H1.txt	- file description
Appendix H2	
TP1_DAB.wav	- Digital audio recorded from the IBOC receiver when tuned to WETA and mobile.
TP1_Delco.wav	- Analog audio recorded from the Delco receiver when tuned to WETA and mobile.
TP2_DAB.wav	- Digital audio recorded from the IBOC receiver when tuned to WETA and mobile during blend periods.
TP2_Delco.wav	- Analog audio recorded from the Delco receiver when tuned to WETA and mobile during a digital blend period.
TP3_DAB.wav	- Digital audio recorded from the IBOC receiver when tuned to WETA and mobile at the end of digital coverage.
TP3_Delco.wav	- Analog audio recorded from the Delco receiver when tuned to WETA and mobile at the end of digital coverage.
Appendix L	
CD_DS.wav	- CD cut of Dire Starits(DS) from the CD.
CD_PJ.wav	- CD cut of Pearl Jam(PJ) from the CD.
CD_SV.wav	- CD cut of Suzanne Vega(SV) from the CD.
CD_DS_PJ_SV.wav	- Combined CD cuts of Dire Straits(DS), Pearl Jam(PJ) and Suzanne Vega(SV).
AM_DAB_DS.wav	- Digital audio recorded from the USADR IBOC DAB receiver of Dire Straits(DS).
AM_DAB_PJ.wav	- Digital audio recorded from the USADR IBOC DAB receiver of Pearl Jam(PJ).
AM_DAB_SV.wav	- Digital audio recorded from the USADR IBOC DAB receiver of Suzanne Vega(SV).
AM_DAB_DS_PJ_SV.wav	- Digital audio recorded from the USADR IBOC DAB receiver of the combined cuts

of Dire Straits(DS), Pearl Jam(PJ), and
Suzanne Vega.

NRSC_Analog_Narrow_DS.wav - Analog audio recorded from the NRSC
field tests of Dire Straits(DS).
NRSC_Analog_Narrow_PJ.wav - Analog audio recorded from the NRSC
field tests of Pearl Jam(PJ).
NRSC_Analog_Narrow_SV.wav - Analog audio recorded from the NRSC
field tests of Suzanne Vega(SV).
NRSC_Analog_Narrow_DS_PJ_SV.wav - Analog audio recorded from the NRSC
Field tests of the combined cuts of
Dire Straits(DS), Pearl Jam(PJ), and
Suzanne Veag(SV).

Appendix_L.txt - file description

VIDEO TAPE #1
Appendix H
USADR IBOC Performance Tests
Volume I - TP1 and TP2

VIDEO TAPE #2
Appendix H
USADR IBOC Performance Tests
Volume II - TP3

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3 CD-ROM's